

# Comparisons of Job Characteristics

**Focus Occupation:** Social Science Research Assistants (19-4061)

**Associated Occupation:** Economists (19-3011)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 65

**Focus Occupation:** Social Science Research Assistants (19-4061)

**Associated Occupation:** Economists (19-3011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
English Language	11.2	18.9	16.2	<	Expanded education and/or training may be required
Mathematics	9.2	17.9	10.9	<<	Extensive education and/or training may be required
Economics and Accounting	4.4	17.7	3.9	<<	Extensive education and/or training may be required
Computers and Electronics	8.4	14.4	11.8	<	Expanded education and/or training may be required
Law and Government	5.9	11.0	10.5	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 92

**Focus Occupation:** Social Science Research Assistants (19-4061)

**Associated Occupation:** Economists (19-3011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Critical Thinking	10.8	13.6	11.1	<	A higher skill level may be required
Complex Problem Solving	9.1	13.0	9.8	<<	Extensive development of skills in this area may be required
Writing	9.2	13.0	11.1	<	A higher skill level may be required
Mathematics	6.2	12.3	9.0	<<	Extensive development of skills in this area may be required
Judgment and Decision Making	9.4	12.0	9.6	<	A higher skill level may be required
Systems Analysis	6.5	11.5	8.1	<<	Extensive development of skills in this area may be required

Systems Evaluation	6.4	9.7	7.6	<	A higher skill level may be required
Operations Analysis	5.0	9.1	5.2	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 94			
Focus Occupation: Social Science Research Assistants (19-4061) Associated Occupation: Economists (19-3011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Expression	12.4	15.9	13.3	<	Some improvement in abilities may be required
Written Expression	9.8	15.7	11.8	<<	Extensive improvement in abilities may be required
Oral Comprehension	12.5	14.8	13.6	0	Current ability level may be sufficient
Written Comprehension	11.0	14.5	12.8	<	Some improvement in abilities may be required
Deductive Reasoning	10.6	13.2	11.0	<	Some improvement in abilities may be required
Inductive Reasoning	10.2	12.5	10.4	<	Some improvement in abilities may be required
Mathematical Reasoning	6.3	11.6	7.7	<<	Extensive improvement in abilities may be required
Number Facility	6.3	11.3	8.4	<<	Extensive improvement in abilities may be required
Fluency of Ideas	7.6	10.1	8.2	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 94
Focus Occupation: Social Science Research Assistants (19-4061) Associated Occupation: Economists (19-3011)		
Work Activities	Exclusivity of Activity	
Analyze social or economic data	63	
Collect scientific or technical data	30	
Collect social or personal information	70	
Collect statistical data	47	
Communicate technical information	4	
Compile numerical or statistical data	38	
Create mathematical or statistical diagrams or charts	43	
Develop or maintain databases	30	

Develop tables depicting data	33
Interpret charts or tables for social or economic research	70
Learn trends in world trade	89
Maintain awareness of social trends	71
Make presentations	13
Perform statistical modeling	76
Prepare reports	8
Prepare technical reports or related documentation	22
Recognize interrelationships among individuals or social groups	74
Recognize interrelationships among social statistics or indicators	77
Use building or land use regulations	65
Use computers to enter, access or retrieve data	3
Use current social research	62
Use interviewing procedures	23
Use knowledge of economic trends	77
Use knowledge of investigation techniques	16
Use labor market information	87
Use library or online Internet research techniques	21
Use mathematical or statistical methods to identify or analyze problems	30
Use oral or written communication techniques	1
Use public speaking techniques	13
Use quantitative research methods	35
Use relational database software	26
Use scientific research methodology	21
Use spreadsheet software	18
Use word processing or desktop publishing software	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 85

**Focus Occupation: Social Science Research Assistants (19-4061)**  
**Associated Occupation: Economists (19-3011)**

Tools and Technologies	Exclusivity
Business function specific software	1
Calculating machines and accessories	3
Computer data input devices	2
Computers	1
Content authoring and editing software	1
Data management and query software	1
Development software	4
Industry specific software	1
Information exchange software	1
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.